

# Converting Colors

YUV(138.8070, -17.1599,  
44.0193)

Have a look what the booklet for  
YUV(138.8070, -17.1599, 44.0193)  
contains.

<b>YUV(138.8070, -17.1599, 44.0193)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(138.8070, -17.1599,  
44.0193)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD7868
RGB	189, 120, 104
RGB Percent	74%, 47%, 41%
CMY	0.2588, 0.5294, 0.5922
CMYK	0.00, 0.37, 0.45, 0.26
HSL	11°, 39%, 57%
HSV	11°, 45%, 74%
XYZ	30.2014, 25.2512, 16.3789
YIQ	138.8070, 46.2600, 9.6520

# Conversions

## Conversions Part 2

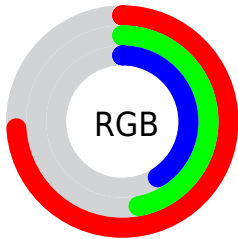
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 124, 104
Decimal	12417128
CIE Lab	57.32, 25.16, 20.05
CIE LCh	57, 32.170, 38.545
Yxy	25.2512, 0.4204, 0.3515
Android (android.graphics.Color)	4290607208 (0xFFBD7868)
YUV	138.8070, -17.1599, 44.0193
Hunter-Lab	50.2506, 19.3428, 15.8502

# Details

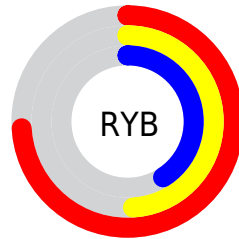
The YUV color **138.8070, -17.1599, 44.0193** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **154.1930, 17.1599, -44.0193**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0740, -18.7705, 47.2931**, and **87.9420, -15.2544, 39.5159** is the 20% darker color. If you saturate the color by 10%, you get **127.8360, -21.1181, 53.6408**, and if you desaturate by 10%, it is **149.7780, -13.2016, 34.3977**.

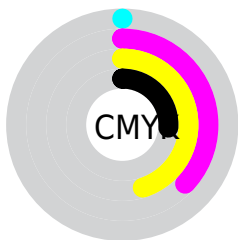
# Distribution



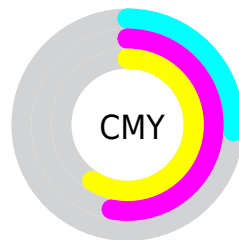
- Red (74%)
- Green (47%)
- Blue (41%)



- Red (74%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (26%)



- Cyan (26%)
- Magenta (53%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.8070, -17.1599, 44.0193 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 138.8070, -17.1599, 44.0193 by changing the saturation by 10% instead.



■ 138.8070,  
-17.1599, 44.0193

■ 138.8070,  
-17.1599, 44.0193

■ 255.0000, 0.0000,  
0.0000

■ 113.0240,  
-16.2808, 42.0750

■ 193.0740,  
-18.7705, 47.2931

■ 87.9420, -15.2544,  
39.5159

■ 214.3930,  
-15.9697, 35.6123

■ 63.2730, -13.9386,  
37.4716

■ 234.6080,  
-12.1317, 17.8838

■ 39.3050, -12.4754,  
34.8125

■ 253.0620, -7.4256,  
1.6996

■ 17.3200, -8.5388,  
32.1684

■ 8.1870, -3.5432,  
16.4990

■ 0.0000, 0.0000,

0.0000

■ 138.8070,  
-17.1599, 44.0193

■ 138.8070,  
-17.1599, 44.0193

■ 127.8360,  
-21.1181, 53.6408

■ 149.7780,  
-13.2016, 34.3977

■ 116.2780,  
-24.7871, 63.7772

■ 161.3360, -9.5326,  
24.2613

■ 105.3070,  
-28.7454, 73.3988

■ 172.3070, -5.5744,  
14.6398

■ 94.3360, -32.7036,  
83.0203

■ 183.2780, -1.6161,  
5.0182

■ 82.7780, -36.3726,  
93.1567

■ 194.8360, 2.0529,  
-5.1182

■ 77.6430, -38.2780,  
97.6601

■ 205.6930, 5.5744,  
-14.6398

■ 216.6640, 9.5326,  
-24.2613

■ 228.2220, 13.2016,  
-34.3977

■ 235.2660, 9.7289,  
-40.5753

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



140.4340, -4.6510, 45.2234



138.8070, -17.1599, 44.0193



137.2540, -25.2682, 31.3492

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



138.8070, -17.1599, 44.0193



126.6780, -5.2643, -38.3056



135.8980, 28.1513, -22.7125

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



138.8070, -17.1599, 44.0193



154.1930, 17.1599, -44.0193

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



125.4870, 31.3119, -56.5551



138.8070, -17.1599, 44.0193



119.1980, 12.7204, -66.8256

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



138.8070, -17.1599, 44.0193



131.5860, -19.0229, -11.9149



113.0290, 29.0727, -85.0944



140.4460, 20.4861, 9.2559



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138.8070, -17.1599, 44.0193



135.4220, -26.8300, 18.9239



113.0290, 29.0727, -85.0944



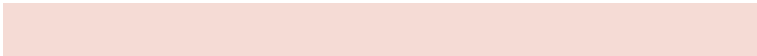
132.8750, 29.6416, -34.0934

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



138.8070, -17.1599, 44.0193



226.0900, -6.4534, 16.5841



137.2810, 17.6095, 45.3576



111.0290, -3.9583, 9.6216



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



138.8070, -17.1599, 44.0193



166.5560, -26.4031, 68.7954



163.4610, -29.3143, 22.3977



88.8650, -1.9054, 4.5034



64.8520, -31.9720, 81.6908



12.7910, -6.3060, 15.9693



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



154.1930, 17.1599, -44.0193



190.8570, 26.6925, -68.2806



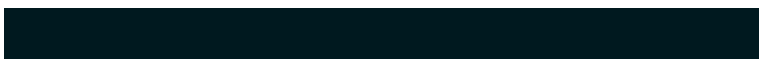
129.5390, 29.3143, -22.3977



90.7220, 1.6161, -5.0182



93.1480, 31.9720, -81.6908



18.2090, 6.3060, -15.9693



# Previews

## White Background



This preview shows how the YUV color 138.8070, -17.1599, 44.0193 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.8070, -17.1599, 44.0193 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

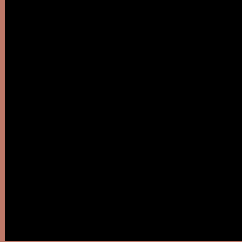
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 138.8070, -17.1599, 44.0193

## Background



This preview shows how black text looks on a background with the YUV color 138.8070, -17.1599, 44.0193.



This preview shows how white text looks on a background with the YUV color 138.8070, -17.1599,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

138.8070, -17.1599, 44.0193

### Protanopia

137.4280, -12.5360, 7.5176

### Deuteranopia

137.8490, -17.6736, 22.0574



## Tritanopia

140.1520, -6.9769, 44.5937

# Trichromacy



## Original Color

138.8070, -17.1599, 44.0193

## Protanomaly

137.7610, -14.1792, 21.2576

## Deuteranomaly

138.3060, -17.4059, 29.5496

## Tritanomaly

139.5280, -10.6133, 44.2639

# Monochromacy



## Original Color

138.8070, -17.1599, 44.0193

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.7910, -6.3060, 15.9693

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.8070, -17.1599, 44.0193 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 120, 104)` looks like.

```
.text, #text, p{  
    color:rgb(189, 120, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 120, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 120, 104) }
```

## Border

The CSS property to change the border of an element to YUV 138.8070, -17.1599, 44.0193 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 120, 104) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(189, 120, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(189, 120, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 120, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 120, 104);  
box-shadow:4px 4px 4px 4px rgb(189, 120,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 138.8070, -17.1599, 44.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 120, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
120, 104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor